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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: Tue Sep 18 13:40:24 EDT 2007

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Application No: 10644084 Version No: 3.0

Input Set:

Output Set:

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Finished: 2007-09-12 14:17:30.849
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 56 ms
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Total Errors: 0
No. of SeqIDs Defined: 9
Actual SeqID Count: 9

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<151> 2002-09-27

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<170> PatentIn version 3.3

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Val Leu Gln Arg Lys Asn Leu Leu Ala Gln Glu Ser Val Glu Thr Gln			
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Asn Leu Lys Leu Gly Ser Asp Met Asp His Leu Gln Ser Cys Tyr Ala			
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Lys Leu Lys Glu Gln Leu Glu Thr Ser Arg Arg Glu Met Ile Gly Leu			
140	145	150	155
caa gag aga gac agg cag ctg cag tgc aag aac agg agt ttg cat cag			592
Gln Glu Arg Asp Arg Gln Leu Gln Cys Lys Asn Arg Ser Leu His Gln			
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ctc ctg aag aat gag aaa gat gag gta caa aaa tta caa aat atc ata			640
Leu Leu Lys Asn Glu Lys Asp Glu Val Gln Lys Leu Gln Asn Ile Ile			
175	180	185	
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Ala Ser Arg Ala Thr Gln Tyr Asn His Asp Val Lys Arg Lys Glu Arg			
190	195	200	
gaa tat aat aag cta aag gag cgc ctg cat cag ctc gtt atg aac aag			736
Glu Tyr Asn Lys Leu Lys Glu Arg Leu His Gln Leu Val Met Asn Lys			
205	210	215	
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220	225	230	235
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Asp Gly Lys Arg Gly Ser Trp Arg Thr Asp Lys Thr Glu Ala Arg Asn			
240	245	250	
gaa gat gag atg tac aaa att ctg ttg aat gat tat gag tac cgc cag			880
Glu Asp Glu Met Tyr Lys Ile Leu Leu Asn Asp Tyr Glu Tyr Arg Gln			
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Cys Asp Thr Val Arg Glu Gln Leu Thr Asn Ser Ile Arg Lys Gln Trp			
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Val His Ser Glu Gly Leu Asn Glu Glu Asp Val Ile Ser Arg Gln Asp			
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His Glu Gln Glu Thr Glu Lys Leu Glu Leu Glu Ile Glu Arg Cys Lys			
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gag atg atc aag gct cag cag ctc tta cag cag cag ctg gcc acc			1312
Glu Met Ile Lys Ala Gln Gln Gln Leu Leu Gln Gln Gln Leu Ala Thr			
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Thr Cys Asp Asp Asp Thr Thr Ser Leu Leu Arg Asp Cys Tyr Leu Leu			
415	420	425	
gaa gaa aag gaa cgc ctt aaa gaa gag tgg acc ctt ttt aaa gag caa			1408
Glu Glu Lys Glu Arg Leu Lys Glu Glu Trp Thr Leu Phe Lys Glu Gln			
430	435	440	
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Lys Lys Asn Phe Glu Arg Glu Arg Arg Ser Phe Thr Glu Ala Ala Ile			
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cga ttg ggg ttg gag aga aag gcg ttt gaa gaa gag cga gcc agc tgg			1504
Arg Leu Gly Leu Glu Arg Lys Ala Phe Glu Glu Glu Arg Ala Ser Trp			
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gta aag cag cag ttt tta aac atg acg aac ttt gac cac cag aac tca			1552
Val Lys Gln Gln Phe Leu Asn Met Thr Asn Phe Asp His Gln Asn Ser			
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Asn Leu Ile Val His Ser Arg Pro Arg Gln Lys Lys Leu His Ser Val			
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Ala Asn Gly Val Pro Ala Cys Thr Ser Lys Leu Thr Lys Ser Leu Pro			
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540	545	550	555	
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Pro Ser Glu Val Ala Arg Glu Ser Thr Asp Gln Lys Trp Ser Val Gln				
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tcg agg ccc agc tcg cgg gag ggg tgc tac agc gga tgc tcc tcg gcc				1888
Ser Arg Pro Ser Ser Arg Glu Gly Cys Tyr Ser Gly Cys Ser Ser Ala				
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ttc agg agc gct cac ggg gac cga gat gac tta cct taa atgtgcgggc				1937
Phe Arg Ser Ala His Gly Asp Arg Asp Asp Leu Pro				
605	610		615	
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Ser Ile Ser Tyr Leu Asp Gln Glu Leu Thr Thr Phe Gly Phe Pro Ser
65 70 75 80

Leu Tyr Glu Glu Ser Lys Ser Lys Glu Ala Lys Arg Glu Leu Asn Ile
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100 105 110

Asn Leu Leu Ala Gln Glu Ser Val Glu Thr Gln Asn Leu Lys Leu Gly
115 120 125

Ser Asp Met Asp His Leu Gln Ser Cys Tyr Ala Lys Leu Lys Glu Gln
130 135 140

Leu Glu Thr Ser Arg Arg Glu Met Ile Gly Leu Gln Glu Arg Asp Arg
145 150 155 160

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Lys Asp Glu Val Gln Lys Leu Gln Asn Ile Ile Ala Ser Arg Ala Thr
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Gln Tyr Asn His Asp Val Lys Arg Lys Glu Arg Glu Tyr Asn Lys Leu
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Lys Glu Arg Leu His Gln Leu Val Met Asn Lys Lys Asp Lys Asn Ile
210 215 220

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225 230 235 240

Ser Trp Arg Thr Asp Lys Thr Glu Ala Arg Asn Glu Asp Glu Met Tyr
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Lys Ile Leu Leu Asn Asp Tyr Glu Tyr Arg Gln Lys Gln Ile Leu Met
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275 280 285

Ile Ser Leu Leu Ser Pro Gln Lys Lys Pro Arg Glu Arg Ala Glu
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Asp Gly Thr Gly Thr Val Ala Ile Ser Asp Ile Glu Asp Asp Ser Gly
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325 330 335

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340 345 350

His Val Glu Lys Leu Asp Asn Gln Ala Ser Lys Val His Ser Glu Gly
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Leu Asn Glu Glu Asp Val Ile Ser Arg Gln Asp His Glu Gln Glu Thr
370 375 380

Glu Lys Leu Glu Leu Glu Ile Glu Arg Cys Lys Glu Met Ile Lys Ala
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Gln Gln Gln Leu Leu Gln Gln Leu Ala Thr Thr Cys Asp Asp Asp
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Thr Thr Ser Leu Leu Arg Asp Cys Tyr Leu Leu Glu Glu Lys Glu Arg
420 425 430

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Phe Ser Ala Phe Ser Gly Ser Ser Asp Pro Asp Asn Leu Ile Val His
500 505 510

Ser Arg Pro Arg Gln Lys Lys Leu His Ser Val Ala Asn Gly Val Pro
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Ala Cys Thr Ser Lys Leu Thr Lys Ser Leu Pro Ala Ser Pro Ser Thr
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Ser Asp Phe Arg Gln Thr His Ser Cys Val Ser Glu His Ser Ser Ile
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Ser Val Leu Asn Ile Thr Pro Glu Glu Ser Lys Pro Ser Glu Val Ala
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Met Gly Asp Trp Met Thr Val Thr Asp Pro Val

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gtg ctt cag cgg aag aac ctc ctg gcc cag gaa agc gtg gag aca cag Val Leu Gln Arg Lys Asn Leu Leu Ala Gln Glu Ser Val Glu Thr Gln	110	115	120	447	
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